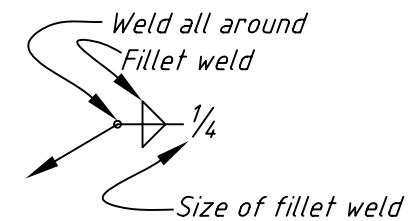


**SECTIONAL ELEVATION A-A  
RISER DETAIL**

**TABLE OF QUANTITIES**

ITEM	UNIT	QUANTITY
" Dia. CMP Riser, Gauge	L.F.	
" Dia. Helical CMP (Drawdown)	L.F.	
" Dia. Helical CMP (Outlet)	L.F.	
Concrete	C.Y.	
Reinforcing Steel - Concrete Base	LBS.	
1-1/4" x 1-1/4" x 3/16" Angle Iron	L.F.	
1-1/2" x 1-1/2" x 1/4" Angle Iron	L.F.	
C 3" x 5" Channel Iron	L.F.	
Pre-Molded Neoprene Gasket	L.F.	
3/16" Metal Plate w/Hinges, Handles, & Hasp	SQ. FT.	
10 Gauge Metal Base Plate	SQ. FT.	
Timber Check Boards (2"x12")	BD. FT.	



Note:  
Weld symbol placed above line indicates weld is on opposite side of joint to which arrow points. Weld symbol below line indicates weld is on side of joint to which arrow points.

**WELD SYMBOLS**

**NOTES:**

- All metal not galvanized shall be painted
- Check boards shall be wood plank construction, Douglas Fir grade (or equivalent).
- All welds and heat affected areas on galvanized metal shall be treated in accordance with specifications.
- Fill all voids produced by corrugations between channel iron and CMP riser with sufficient amount of premolded neoprene gasket or asphalt mastic to produce a watertight seal.
- A filler strip may be used to insure a watertight seal between the riser and the helical pipes.
- Minimum cover around reinforcing steel in concrete base is 3".

Date: \_\_\_\_\_

Designed: \_\_\_\_\_

Drawn: \_\_\_\_\_

Checked: \_\_\_\_\_

Approved: \_\_\_\_\_

Cooperator: \_\_\_\_\_

**CMP Water Control Structure**

County Conservation District: \_\_\_\_\_

County, Wyoming: \_\_\_\_\_

**USDA NRCS**

Natural Resources Conservation Service

File No. \_\_\_\_\_

Drawing No. 587-02

Sheet \_\_\_\_\_ of \_\_\_\_\_